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Bohringer et al.(10) **Patent No.:** US 9,409,162 B2
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(58) **Field of Classification Search**CPC .. C01B 31/083; C01B 31/089; C01P 2006/17
See application file for complete search history.(56) **References Cited**

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Brannon Sowers & Cracraft PC(57) **ABSTRACT**

The invention relates to an activated carbon, in particular an activated carbon with reactive and/or catalytic activity, said activated carbon being in the form of discrete activated carbon particles, preferably in a spherical and/or grain form. The activated carbon is provided with and/or comprises at least one metal component which has at least one metal-containing ionic liquid (IL) containing, in particular metal ions, preferably based on a metal compound. The invention also related to methods for producing said activated carbon, to the uses thereof and to materials provided herewith.

15 Claims, 4 Drawing Sheets